

**HOGAN & HARTSON L.L.P.**

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MAY 09 2005

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TO: U.S. Patent and Trademark Office  
Examiner: Karl E. Group  
Art Unit: 1755

DATE: May 9, 2005FROM: Lawrence J. McClure

TIME:

TOTAL NO. OF PAGES, INCLUDING COVER: 43-14

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**MESSAGE:**

RE: U.S. Patent Application Serial No.: 10/692,406, Our Ref. 81707.0189

I hereby certify that the following documents:

- Amendment/Amendment Transmittal Letter

are being facsimile transmitted to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, for filing in the above application.

May 9, 2005

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*Sheila Goldner*  
Sheila Goldner

TELECOPY/FAX NUMBER: 703-872-9306 - Art Unit 1755CLIENT NUMBER: 81707.0189ATTORNEY BILLING NUMBER: 1966CONFIRMATION NUMBER: (571) 272-1368 (please return fax to Sheila Goldner)

FORM PTO-1083

MAY 09 2005

81707.0189

Patent Application No. 10/692,406

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Shinya KAWAI et al.

Serial No: 10/692,406

Filed: October 22, 2003

For: GLASS CERAMIC SINTERED BODY AND WIRING  
BOARD USING THE SINTERED BODY

Art Unit: 1755

Examiner: Karl E. Group

I hereby certify that this correspondence  
is being transmitted via facsimile to  
(703) 872-9306:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450 on

May 9, 2005

Date of Deposit

Sheila Goldner

Name

Signature *Sheila Goldner* 05/09/05

Signature

Date

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

☐ No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA*	LG/SM \$ ENTITY FEE		ADD'L FEE DUE
TOTAL CLAIMS FEE	15	-	27	0	LG=\$50 SM=\$25	\$0	\$ 0
INDEPENDENT CLAIMS FEE	1	-	3	0	LG=\$200 SM=\$100	\$200	\$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140		\$ 0
Independent Claim: 8					TOTAL		\$ 0

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ Please charge the fee of \$ 0 for the additional claim fees to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- ☐ Please charge the fee of \$      for the extension of time to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- ☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims
- ☒ Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,  
HOGAN & HARTSON L.L.P.By: *Laurence J. McClure*

Laurence J. McClure

Registration No. 44,228

Attorney for Applicant(s)

Date: May 9, 2005

Biltmore Tower  
500 South Grand Avenue, Suite 1900  
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Telephone: 213 337-6700  
Facsimile: 213 337-6701

FORM PTO-1083

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Patent Application No. 10/692,406

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In re application of:

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Filed: October 22, 2003

For: GLASS CERAMIC SINTERED BODY AND WIRING  
BOARD USING THE SINTERED BODY

Art Unit: 1755

Examiner: Karl E. Group

I hereby certify that this correspondence  
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450 on  
May 9, 2005

Date of Deposit

Sheila Goldner

Name  
*Sheila Goldner* 05/09/05  
Signature Date

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

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TOTAL CLAIMS FEE	15	-	27	**	0	\$ 0
INDEPENDENT CLAIMS FEE	1	-	3	***	0	\$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS						LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140
Independent Claim: 8						TOTAL \$ 0

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Respectfully submitted,  
HOGAN & HARTSON L.L.P.

By: *Lawrence J. McClure*

Lawrence J. McClure  
Registration No. 44,228  
Attorney for Applicant(s)

Date: May 9, 2005

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Los Angeles, California 90071  
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Appl. No. 10/692,406  
Amdt. Dated May 9, 2005  
Reply to Office Action of March 21, 2003

Attorney Docket No. 81707.0189  
Customer No.: 26021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Shinya KAWAI, et al.  
Serial No: 10/692,406  
Confirmation No.: 8498  
Filed: October 22, 2003  
For: GLASS CERAMIC SINTERED BODY  
AND WIRING BOARD USING THE  
SINTERED BODY

Art Unit: 1755  
Examiner: Karl E. Group

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Commissioner for Patents  
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Alexandria, VA 22313-1450  
May 9, 2005  
Date of Deposit  
Sheila Goldner  
Name  
*Sheila Goldner* 05/09/05  
Signature Date

AMENDMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated March 21, 2003, please amend the  
above-referenced application as follows:

Amendments to the Claims are reflected in the Listing of claims which begins on  
page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.